

Accompanying Families in Healing From Child Sexual Abuse and Pregnancy



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Disclosures

- Dr. Alba and Dr. Hopgood have no disclosures.



Today's Objectives

- Understand medical and psychological risks of adolescent pregnancy
- Explore the medicolegal and ethical challenges of caring for a child/adolescent who becomes pregnant due to sexual abuse
- Review trauma-informed management strategies for the pregnant child/adolescent who has been sexually abused



Grounding with Mindfulness



We would like to offer an opportunity to ground, which is a key practice in TIC. This is a body awareness exercise that will bring us into the present moment by directing our attention to sensations in the body. If you feel comfortable, you can close your eyes or simply relax your eyes by lowering your gaze.

- Take 5 long, deep breaths through your nose, and exhale through puckered lips.
- Place both feet flat on the floor. Wiggle your toes. Curl and uncurl your toes several times. Spend a moment noticing the sensations in your feet.
- Stomp your feet on the ground several times. Pay attention to the sensations in your feet and legs as you make contact with the ground.
- Clench your hands into fists, then release the tension. Repeat this 10 times.
- Press your palms together. Press them harder and hold this pose for 15 seconds. Pay attention to the feeling of tension in your hands and arms.
- Rub your palms together briskly. Notice and sound and the feeling of warmth.
- Reach your hands over your head like you're trying to reach the sky. Stretch like this for 5 seconds. Bring your arms down and let them relax at your sides.
- Take 5 more deep breaths and notice the feeling of calm in your body.

Now that we have grounded - we encourage you to check in with yourself throughout this presentation as we know the impact of hearing this content. We also acknowledge that many of us may have a personal connection to this topic. Breaks and pauses are encouraged.

Trauma-Informed Care

Tenets of Trauma Informed Care

6 GUIDING PRINCIPLES TO A TRAUMA-INFORMED APPROACH

The CDC's Office of Public Health Preparedness and Response (OPHPR), in collaboration with SAMHSA's National Center for Trauma-Informed Care (NCTIC), developed and led a new training for OPHPR employees about the role of trauma-informed care during public health emergencies. The training aimed to increase responder awareness of the impact that trauma can have in the communities where they work. Participants learned SAMHSA's six principles that guide a trauma-informed approach, including:

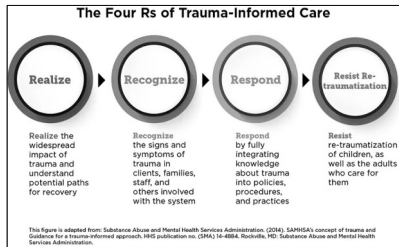


Adopting a trauma-informed approach is not accomplished through any single particular technique or checklist. It requires constant attention, caring awareness, sensitivity, and possibly a cultural change at an organizational level. On-going internal organizational assessment and quality improvement, as well as engagement with community stakeholders, will help to embed this approach which can be augmented with organizational development and practice improvement. The training provided by OPHPR and NCTIC was the first step for CDC to view emergency preparedness and response through a trauma-informed lens.



Infographic: 6 guiding principles to A trauma-informed approach, 2020

Tenets of Trauma-Informed Care



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Bartlett & Steber, 2019

Changing the Question ...



FROM "WHAT'S WRONG WITH YOU/YOUR PARENTS/YOUR FAMILY/YOUR COMMUNITY?"



TO "WHAT HAPPENED TO YOU/YOUR PARENTS/YOUR FAMILY/YOUR COMMUNITY?"

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Understanding the Impact of Childhood Sexual Abuse and Resulting Pregnancy

Global Trends in Adolescent Pregnancies

- Adolescent pregnancies are decreasing in the US and worldwide.
- Globally the birth rate for girls ages 10-14 in 2022 was estimated at 1.5 per 1000 women with higher rates in sub-Saharan Africa, Latin America and the Caribbean.
- Child marriage is a significant contributing factor for early adolescent pregnancy in developing countries.

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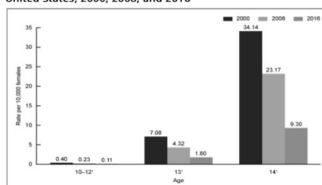
US Trends in Adolescent Pregnancies

- 15.4 births for every 1,000 females ages 15-19 in 2020, down 75% from the 1991 peak of 61.8.
- Decline is due to increased use of contraception by adolescents and delay in sexual debut by adolescents.
- US has one of the highest teen birth rates in industrialized nations.
- Pediatricians are likely to diagnose pregnancy in a patient given the prevalence of pregnancy in adolescence.

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US Birth Rate Females Ages 10-14


Figure 2. Birth rates for females aged 10-12, 13, and 14: United States, 2000, 2008, and 2016




Significant decrease in rates from 2000 through 2008 and from 2008 through 2016 for all age groups (p < .0001).
NOTE: Rates are based on live births.
SOURCE: NICHD, National Vital Statistics System, Natality.

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Stop & Reflect:
Notice your reactions to these statistics.


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Stop & Reflect:
How Do We Define Childhood Sexual Abuse?

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Developing Common Language

- Child sexual abuse occurs when a child or adolescent is engaged in sexual activities that they cannot comprehend, for which they are developmentally unprepared and are unable to give informed consent.
- Pregnancy is considered **diagnostic** of child sexual abuse.

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Child Sexual Abuse and Pregnancy

- Risk of pregnancy following sexual assault estimated up to 5%.
- Pediatricians, especially CAPs, are likely to care for children and adolescents who become pregnant due to sexual abuse.
- There is a clear role for the pediatrician in the support of the patient and family in this scenario, not just the OB.

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Stop & Reflect:

Have you cared for a child or adolescent who has become pregnant due to sexual abuse?

If you answered yes, reflect on any distinction that you see your role vs. the role of the OB-GYN.

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Stop & Reflect:

How did you and your system/institution respond?

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Why is This Issue Important?

- Caring for a very young pregnant patient presents unique challenges and often moral ambiguity for the provider.
- There is a paucity of literature on the experiences of young females who become pregnant as a direct result of sexual abuse.
- The AAP and ACOG provide limited guidance on best practice for this specific scenario.
- A compassionate and conscious approach to these patients is needed.



Risks of Adolescent Pregnancy

- Pregnant adolescents are less likely than older women to receive early and adequate prenatal care which may lead to complications.
- Continuing the pregnancy is the most common choice made by pregnant adolescents.
- Girls in early adolescence are especially vulnerable to health repercussions from pregnancy and may be physically unprepared for delivery.



Risks of Adolescent Pregnancy

Pregnancies in Young Adolescent Mothers: A Population-Based Study on 37 Million Births

De T. Malarkey, MD • Jacques Belsky • Stephanie L. Klein, MD • Alan Shinn, MD • Haim A. Abernethy, MD, MPH

Published November 17, 2011 • DOI: <https://doi.org/10.1016/j.jagp.2011.09.004>

- Births to females under 15 years old were more likely to be IUGR, premature and to result in stillbirths/infant deaths.
- Pregnant females under 15 years old were less likely to have adequate prenatal care.
- Prenatal care was protective against infant deaths in females under 15 years of age.



Psychosocial Burden of Teen Pregnancy

- About 50% of adolescent girls who have a child before 18 years of age receive a high school diploma by age 22.
- Nearly 2/3 of adolescent mothers receive public assistance, and their chances of living in poverty increase as they progress into adulthood.
- Most adolescent mothers receive no child support from their child's father.

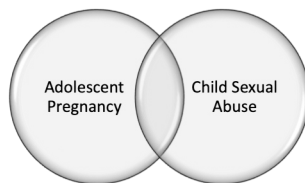


Psychosocial Burden of Teen Pregnancy

- The daughters of adolescent mothers are more likely to give birth as a teen.
- Children born to adolescent mothers are at a higher risk of maltreatment.
- Adolescents in foster care have a higher pregnancy rate than those who are not in foster care.



Connecting the Dots



Unique Difficulties

- Teen pregnancy is a highly stigmatized subject as is child sexual abuse.
- Abused children worry about their bodies and worry about pregnancy--sometimes this is the reason for their disclosure.
- CSA survivors are at increased risk for negative mental health sequelae, which can be amplified with co-occurring pregnancy.
- The younger the child at age of conception, the more challenging the medical management and higher stakes of the investigation.
- Research indicates that survivors of CSA often experience revictimization during their future pregnancies.



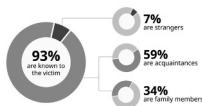
Case Presentation

Every 9 minutes,
child protective services substantiates, or finds
evidence for, a claim of child sexual abuse.

National Sexual Assault Hotline 800.656.HOPE | online.rainn.org
Please visit rainn.org/statistics/children-and-teens for full citation.¹

CHILD VICTIMS OFTEN KNOW THE PERPETRATOR

Among cases of child sexual abuse reported to law enforcement:



National Sexual Assault Hotline 800.656.HOPE | online.rainn.org
Please visit rainn.org/statistics/children-and-teens for full citation.¹



OF ALL VICTIMS UNDER 18,
2 OUT OF 3 ARE AGES 12-17



■ 34% under age 12 ■ 66% age 12-17

National Sexual Assault Hotline 800.656.HOPE | online.rainn.org
Please visit rainn.org/statistics/children-and-teens for full citation.²

Case History

Anna is a developmentally normal, previously healthy 11-year-old female who is referred to the CAC for medical evaluation due to possible pregnancy and recent disclosure of longstanding sexual abuse by her maternal uncle. The case was initially reported to the police by the patient's mother who noted that the child had not menstruated for over 5 months. Further history provided by CPS is significant for the child making a partial disclosure of abuse to her mother many months ago with no intervention made at that time. CPS also informs you that the family's priest was made aware of the abuse history well before the police became involved. CPS informs you that the mother is supportive of the child and that there is no plan to remove Anna or her siblings from the mother's care.



Case History

Anna is a developmentally normal, previously healthy 11-year-old female who is referred to the CAC for medical evaluation due to possible pregnancy and recent disclosure of longstanding sexual abuse by her maternal uncle. The case was initially reported to the police by the patient's mother who noted that the child had not menstruated for over 5 months. Further history provided by CPS is significant for the child making a partial disclosure of abuse to her mother many months ago with no intervention made at that time. CPS also informs you that the family's priest was made aware of the abuse history well before the police became involved. CPS informs you that the mother is supportive of the child and that there is no plan to remove the child or her siblings from the mother's care.

During the visit, you obtain a confidential history from the patient and determine that she is unaware of her possible pregnancy. You confirm the pregnancy at the visit on a POC urine test. You counsel the patient that she is pregnant and present all the options for her pregnancy. The patient is shocked and expresses that she is not ready to have a child, but that she knows that abortion is against her religion. You meet with the mother and child together and the mother expresses her support for the child. Both the child and mother reiterate that they are very religious. You advise that you will immediately connect the patient to OB-GYN for medical care of the pregnancy. Additional pertinent history obtained at the visit that day is significant for self-harm behavior in the child, current passive suicidal ideation, and body dysmorphia with recent disordered eating.

Two days later the patient and her mother return to your clinic. On confidential history, the child reports to you that she has decided to continue her pregnancy after much deliberation. Her mother is supportive of the decision and the mother tells you that she will raise the child as her own.



Stop & Reflect:

How would you support this patient? Would your own feelings toward her pregnancy influence how she is counseled?



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Moral Distress

- Moral distress occurs as a negative emotional response when clinicians believe they know the morally correct action in patient care but are prevented from taking it because of internal/external constraints
- Perceived by the clinician as undermining professional ethical integrity
- Can be mitigated by interdisciplinary support networks
- Different from compassion fatigue, burnout



Options Counseling and Adolescent Rights

AAP Policy Statement: Options Counseling

- Goal of leading a compassionate discussion to provide support in the decision-making process
- Expertise in family planning is not necessary
- Have patient designate a support person (trusted adult) who can be present during the discussion and throughout decision making
- Document the patient's psychosocial development and any noted limitations for abstract and future thinking
- Must be familiar with current laws impacting access to reproductive health services (abortion care)



AAP Policy Statement: Options Counseling

- Present factually accurate information regarding all options in a non-judgmental manner, while respecting the family's spiritual, cultural, personal beliefs
- Provider should be mindful of bias and examine their own beliefs/values which can impact patient care- if conflict, ethical obligation to provide the counseling if not immediately feasible to refer to another competent provider
- Make referrals for timely prenatal care



AAP Policy Statement: Adolescent's Right to Confidential Care

- Adolescents in the US have a right to obtain abortion without parental consent unless otherwise restricted by state law.
- The rights of adolescents to confidential care when considering abortion should be protected.
- Mandating parental involvement does not achieve the intended benefit of promoting family communication but may increase the risk of harm to the adolescent by delaying access to appropriate medical care.



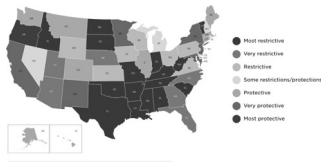
Trauma-Informed Pregnancy Care

Trauma History and Perinatal Healthcare

- For survivors of sexual violence, pregnancy and delivery can cause somatic sensations that overlap with experiences of sexual trauma.
- Medical providers can play an integral role in helping the patient reclaim the experience as affirming, healing, resilience-building.



Abortion Access



Abortion policies currently in effect in New York include the following:

- Abortion is banned at fetal viability, generally 24-26 weeks of pregnancy
- State Medicaid funds cover abortion
- Private health insurance plans are required to cover abortion
- Qualified health care professionals, not solely physicians, can provide abortions
- State fund helps patients pay for abortion care
- State provides protections from harassment and physical harm for anyone entering an abortion clinic
- State has a shield law to protect abortion providers from investigations by other states; may cover patients and support organizations



Social Determinants of Health and Trauma

Systemic inequities put children at higher risk of traumatic experiences



Abortion Access in NY

NEW YORK STATE ABORTION LAW FREQUENTLY ASKED QUESTIONS FOR LAW ENFORCEMENT

What type of abortion care is lawful in New York?

- New York guarantees the unqualified right to abortion up to 24 weeks after the commencement of pregnancy.
- Abortion is permitted after 24 weeks if the fetus is not viable or if the pregnant person's life or health (including mental health) is at risk.
- In New York, minors under the age of 18 may access abortion or other reproductive health services without parental notification or consent.

Are abortion services in New York confidential?

- Yes. A health care provider generally may not disclose medical records or any information about a pregnant person's appointment or procedure without their consent.
- Employers are prohibited from accessing information regarding an employee's or their partner's reproductive health decision-making.
- Under a new law effective on September 12, 2022, abortion providers, their employees, volunteers, patients, and immediate family members will be eligible to enroll in a state-run address confidentiality program if they fear for their safety or the safety of an immediate family member. See Executive Law §§ 100(1), (5).



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Termination of Pregnancy

- Balancing timeliness of TOP with patient's ability to make informed decision
- Hospital vs. Outpatient procedure: consider patient's tolerance of pain, goal of minimizing trauma
- Given the medicolegal implications of TOP, surgical procedures are preferred
- Hospital protocol for recovery of POC as evidence: maintain chain of custody
- Close follow up with OB and PMD
- Evidence-based mental health treatment
- Contraception

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Continuing Pregnancy

- Goal of establishing a safety net for mother/baby/family
- Connect patient to high quality mental health services
- Prenatal care with high-risk OB (early adolescent)
- Anticipatory guidance by OB throughout pregnancy
- Modified school plan-- minimize stigma, consider home instruction
- Medical provider must advocate for patient and future child with CPS
- Who will be primary caregiver for infant? Who is responsible for infant's daily needs? Who will provide emotional nurturance to this infant? Alternate childcare plan? How will the new baby integrate into sibling dynamic?

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Labor and Delivery

- Either NSVD or c/s acceptable: weigh medical risks/patient fear of labor/pain
- Hospital staff ideally briefed on trauma-informed care of the patient
- Maintain privacy, minimize amount of personnel interacting with the patient/changes in shift
- Routine/typical encouragement (i.e., use of mirror) may not be appropriate; use support person at bedside
- May not be a celebratory moment-- caution staff on language used in presence of patient
- Establishing breastfeeding may be challenging for very young patients-- (+/-) lactation consultant



Postpartum Care

- Close pediatrician follow up for mother and baby-- consider enhanced well child visit schedule
- Evidence based mental health services
- Contraception
- Reintegration into school setting
- CPS surveillance and continued dialogue with the PMD
- DNA specimen obtained from infant with subpoena



AAP Policy Statement: Care of the Adolescent Parents and Their Children

- Establish a medical home for the patient and her baby
- Provider focus on promoting nurturing relationships and positive parenting, anticipatory guidance, teaching basic caregiving skills
- Multidisciplinary and comprehensive approach through connection to community programs, home-visiting
- Encourage school completion/pursuing higher education
- Assess for DV and history of abuse
- Refer for mental health services
- Efforts should be made to support young fathers and their involvement with their children
- Contraception



Considerations for Care

- There is a significant role that pediatricians can play in the ongoing management of the adolescent who becomes pregnant due to sexual abuse
- Consciously promote the wellbeing and resilience of the patient (and her child)
- It is not easy to care for these patients due to many ethical challenges that arise--support systems are critical
- Importance of reconciling judgement and accepting that there can be silver linings/new beginnings to this scenario

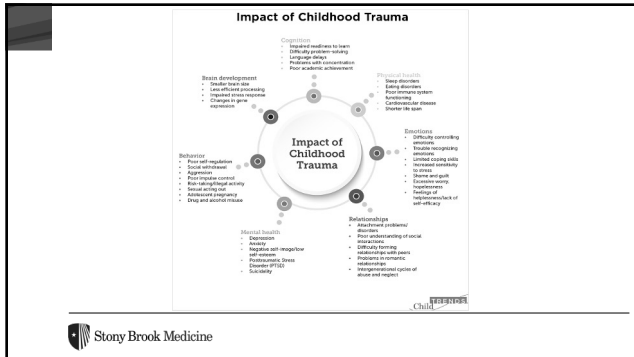


Investigations

- The compassionate, sensitive, trauma-informed approach to CSA and pregnancy may not come naturally to some investigators
- Pediatrician/CAP can teach this approach to the investigative team
- And in doing so, become a stronger advocate for the health and wellbeing of the patient and her family, within the medical system and the investigation



Mental Health Impact of Childhood Sexual Abuse



Common Reactions to Childhood Sexual Abuse

Younger Children	Adolescents
<ul style="list-style-type: none"> • Traumatic play that includes running away from "bad people" • Oppositional/withdrawn behavior • "Tantrums" • Nightmares • Academic decline • Avoidance of specific adults • Age-inappropriate sexual behavior • Talk about their body as being "dirty" or "hurt" • Regression (i.e., toilet training, co-sleeping, language development) • Separation anxiety • Medically unexplained body aches and pains 	<ul style="list-style-type: none"> • Substance misuse • Avoid traumatic reminders • Depression/Isolation • Avoidance of Specific Adults • Negative self-concept • Academic decline and/or school refusal • Issues with concentration • Feeling "numb" and/or irritable • Flashback or intrusive thoughts • High risk sexual behavior • Non-suicidal self-injurious behaviors and suicidal behaviors

Stony Brook Medicine Seshadri & Ramaswamy, 2019; About Child Trauma, n.d

Stop & Reflect:
How Do You Currently Assess And Address Possible Signs And Symptoms As The Ones Mentioned?

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“Abuse is like a boomerang. If you don’t deal with it, it can come back to hurt you.”



Potential Long-term Consequences of Childhood Sexual Abuse

- Mental Health Issues
 - Posttraumatic stress disorder
 - Suicide
 - Depression
 - Anxiety
 - Substance misuse
 - Disordered eating
 - Sexual risk behavior
- Relationship Issues
 - Issues with trust, intimacy, future unstable relationships and higher divorce rates
- Sexual Dysfunction and Other Physical Health Conditions
- Revictimization
 - **50% of childhood sexual abuse survivors experience revictimization**



Gewirtz-Meydan & Lahav, 2020; Kaplow et al., 2005; Liebschutz et al., 2002; Mangilio, 2010; Mangilio, 2013; About Child Trauma, n.d.; Papalia et al., 2021; and Testa et al., 2005)

Mental Health Care of Child Sexual Abuse and Pregnancy

Children and Families Are Resilient

Protective factors, such as a child's **coping strategies** and the **availability of stable, supportive caregivers** can lessen the adverse impact of childhood sexual abuse.



Evidence-Based Therapies for Sexually Abused Children

- Cognitive Behavioral Therapies
 - Psychoeducation, Affective Modulation, Relaxation, Cognitive Restructuring, Gradual Exposure, Cognitive Processing, Narrative Sharing, Joint Parent-Child Sessions, Safety and Abuse Prevention
- NCTNS Recommendations
 - Trauma-Focused Cognitive Behavior Therapy
 - Risk Reduction through Family Therapy
 - Problematic Sexual Behavior-Cognitive-Behavioral Therapy for School-Age Children
 - Child Parent Psychotherapy



Hanson & Wallis, 2018; About Child Trauma, n.d.

Mental Health Care of Childhood Sexual Abuse Pregnancy: A Case Example

Stage 1: Stabilization and Ensuring Safety (2 Months)

- Building trust and nonjudgmental, therapeutic alliance
- Safety planning due to self-harm, suicidal ideation, and disordered eating
- Empowering parent to ensure safety
- Collaboration with other systems (legal, school, child protective services, medical)
- Assessing and affirming cultural identities (Latine background, Jehovah's Witness)
- Psychoeducation about childhood sexual abuse and pregnancy
 - Exposure to sexual abuse content
 - Fostering parent-child communication
 - Rest and recreation
 - Skill training
 - Exposure/mindfulness to her body and related changes
 - In-utero dyadic intervention (i.e., Reflective functioning, fantasies, fears and worries)

Stage 2: Coping Ahead for Labor (2 months)

- Increasing sense of control and agency (i.e., requesting an all-women labor team)
- Practicing guided exposure of labor and trauma reminders
- Facilitating mother and patient's communication about delivery, breast feeding, and postpartum experiences
- Determining plan for resuming daily routine and developmental activities



Mental Health Care of Childhood Sexual Abuse Pregnancy: A Case Example

Stage 3: Trauma Narration (4 Months)

- Detailing trauma
- Recurring exposure to the trauma narrative
- Narrative sharing with mother
- Outlining vision for the future

Stage 4: Dyadic Intervention (5 Months)

- Defining developmentally appropriate role and responsibilities for patient and her child
- Fostering patient-child attachment (i.e., mentalization, developmental guidance skills)
- Reorienting mother's understanding of patient's developmental tasks and support for normative developmental tasks
- Addressing trauma reminders

Stage 5: Prevention, Empowerment and End of Care (2 Months)

- Discussion of healthy relationships, consent, social support, resources
- Encouraging appropriate advocacy initiatives and using her voice
- Processing the ending with provider and family's growth



Stop & Reflect:

Consider how you would engage in collaborative care with a mental health professional at each stage of mental health treatment. Note any barriers for interdisciplinary collaboration.



Being Mindful of Compassion Fatigue

What is Compassion Fatigue?

Made up of **Burnout** (Gradual) and **Secondary Traumatic Stress** (Sudden and Symptom Specific)

Organizational
<ul style="list-style-type: none"> • Provide adequate clinical supervision, including reflective supervision • Maintain trauma-informed balance • Support workplace self-care groups • Enhance the physical safety of staff • Offer flexible scheduling • Incorporate STS training into EBP training for clinical staff • Create external partnerships with STS intervention providers • Train organizational leaders and non-clinical staff on STS • Train organizational leaders on organizational implementation and assessment • Provide ongoing assessment of staff risk and resiliency
Individual
<ul style="list-style-type: none"> • Use supervision to address STS • Increase self-awareness of STS • Maintain healthy work-life balance • Exercise and good nutrition • Practice self-care • Stay connected • Develop and implement plans to increase personal wellness and resilience • Continue individual training on risk reduction and self-care • Use Employee Assistance Program or counseling services as needed • Participate in a self-care accountability buddy system



Takeaways

Pause & Reflect: A Mindful End

- What are your reactions to this talk?
- How will your practice change after attending this presentation?
- Identify one action item you will bring back to your institution to promote trauma-informed care.
- Identify one way you will take care of yourself today.



Resources

Educative Websites for All

- <https://nrcsw.samhsa.gov/resources/trauma/trauma-resource-center-websites.aspx>
- <https://www.nctsn.org/>

Trauma-informed Readings for School Staff

- What Happened to You?, Bruce Perry, MD, PhD and Oprah Winfrey
- The Body Keeps the Score, Bessel Van Der Kolk, MD
- Trauma Stewardship, Laura Van Dernoot Lipsky
- Addressing Race and Trauma in the Classroom, NCTNS
https://www.nctsn.org/sites/default/files/resources/addressing_race_and_trauma_in_the_classroom_educators.pdf

Books/Handouts for Youth to Help Talk about Trauma and SV

- <https://www.breakingthecycles.com/blog/2015/09/23/childrens-books-to-help-talk-about-trauma-aces/>
- <https://childparentpsychotherapy.com/resources/booklists/>
- Teen Power and Control: Wheel! <http://www.ncdsv.org/images/teen%20p<%20wheel%20no%20shading.pdf>
- Real Talk About Sex and Consent, Cheryl M Bradshaw, MA
- My Body Bubble: A Children's Book About Personal Boundaries, Consent and Respect, Kids Safety, Emotions and Feelings, Michael Gordon

NYS Trauma-Informed Network Organization Directory

- <https://resources.traumainformedny.org/directory>



References

Abortion is legal and protected in the state of New York. Retrieved from: <https://ag.ny.gov/resources/individuals/health-care-insurance/reproductive-rights-abortion-legal-new-york#:~:text=Even%20after%20Roe%20was%20overturned,from%20the%20start%20of%20pregnancy>

About Child Trauma. (n.d.). The national child traumatic stress network. Retrieved from <https://www.nctsn.org/what-is-child-trauma/about-child-trauma>

Affif, T. O. & Macmillan, H. L. (2011). Resilience following child maltreatment: a review of protective factors. *Can J Psychiatry*, 56:266–272. 10.1177/070674371105600505

AMERICAN ACADEMY OF PEDIATRICS, COMMITTEE ON ADOLESCENCE; The Adolescent's Right to Confidential Care When Considering Abortion. *Pediatrics*, August 2022; 150 (3): e2022058780. 10.1542/peds.2022-058780

Bartlett, J. D. & Steber, K. (2019, May 19). *How to implement trauma-informed care to build resilience to childhood trauma*. Child trends. Retrieved from <https://www.childtrends.org/publications/how-to-implement-trauma-informed-care-to-build-resilience-to-childhood-trauma>

Centers for Disease Control and Prevention. About Teen Pregnancy. Nov 2021. Retrieved from <https://www.cdc.gov/teenpregnancy/about/index.htm>

Children and teens: statistics. (n.d). Rape abuse & incest national network (RAINN). Retrieved from <https://www.rainn.org/statistics/children-and-teens>



References

Ely, D. M., Driscoll, A. K. Infant Mortality in the United States, 2021: Data from the Period Linked Birth/Infant Death File. *Natl Vital Stat Rep*. 2023 Sep;72(11):1-19. PMID: 37748084.

Hanson, R. F. & Wallis, E. (2018). Treating Victims of Child Sexual Abuse. *The American journal of psychiatry*, 175(11), 1064–1070. <https://doi.org/10.1176/appi.ajp.2018.18050578>

Hoffman, S. D. Kids Having Kids: *Economic Costs and Social Consequences of Teen Pregnancy*. Washington, DC: The Urban Institute Press; 2008.

Hornberger, Laurie L., COMMITTEE ON ADOLESCENCE, Cora C. Breuner, Elizabeth M. Alderman, Robert Garofalo, Laura K. Grubb, Makia E. Powers, Krishna Kumari Upadhy, Stephenie B. Wallace; Options Counseling for the Pregnant Adolescent Patient. *Pediatrics*, September 2017; 140 (3): e20172274. 10.1542/peds.2017-2274

Infographic: *6 guiding principles to a trauma-informed approach*. (2020, September 17). Centers for Disease, Control, and Prevention. Office of Readiness and Response. Retrieved from https://www.cdc.gov/orr/infographics/6_principles_trauma_info.htm

Interactive Map: US Abortion Policies and Access After Roe. Guttmacher Institute. Jan 2024. Retrieved from: <https://states.guttmacher.org/policies/>

Jenny, C., Crawford-Jakubiak, J. E., Committee on Child Abuse, et al. The evaluation of children in the primary care setting when sexual abuse is suspected. *Pediatrics*, 2013; 132:e558



References

Jenny, C. & Pierce, M. C. (Eds.) (2011). *Child Abuse and Neglect: Diagnosis, Treatment, and Evidence*. Elsevier Saunders.

Kaplow, J. B., Dodge, K. A., Amaya-Jackson, L., & Saxe, G. N. (2005). Pathways to PTSD, part II: Sexually abused children. *The American journal of psychiatry*, 162(7), 1305–1310. <https://doi.org/10.1176/appi.ajp.162.7.1305>

Kellogg, Nancy and the Committee on Child Abuse and Neglect; The Evaluation of Sexual Abuse in Children. *Pediatrics* August 2005; 116 (2): 506–512. 10.1542/peds.2005-1336

Lamiani, G., Borghi, L., Argentero, P. When healthcare professionals cannot do the right thing: A systematic review of moral distress and its correlates. *J Health Psychol*. 2017 Jan;22(1):51-67. doi: 10.1177/1359105315595120. Epub 2016 Jul 10. PMID: 26220460.

Liebschutz, J., Savetsky, J. B., Saitz, R., Horton, N. J., Lloyd-Travaglini, C. & Samet, J. H. (2002). The relationship between sexual and physical abuse and substance abuse consequences. *Journal of substance abuse treatment*, 22(3), 121–128. [https://doi.org/10.1016/s0740-5472\(02\)00220-9](https://doi.org/10.1016/s0740-5472(02)00220-9)

Maddow-Zimet, I., Kost, K. Pregnancies, births and abortions in the United States, 1973–2017: national and state trends by age. Retrieved from <https://www.guttmacher.org/report>.

Maniglio, R. (2010). Child sexual abuse in the etiology of depression: A systematic review of reviews. *Depression and anxiety*, 27(7), 631–642. <https://doi.org/10.1002/da.20687>



References

- Maniglio, R. (2013). Child sexual abuse in the etiology of anxiety disorders: a systematic review of reviews. *Trauma, violence & abuse*, 14(2), 96–112. <https://doi.org/10.1177/1524838012470032>
- Matthews, T.J., Hamilton, B.E. Declines in Births to Females Aged 10-14 in the United States, 2000-2016. NCHS Data Brief. 2018 Apr;(308):1-8. PMID: 29717976.
- Osterman, M. J. K., Hamilton, B. E., Martin, J. A., Driscoll, A. K., Valenzuela, C. P. Births: Final Data for 2021. Natl Vital Stat Rep. 2023 Jan;72(1):1-53. PMID: 36723449.
- Papalia, N., Mann, E. & Ogloff, J. R. P. (2021). Child Sexual Abuse and Risk of Revictimization: Impact of Child Demographics, Sexual Abuse Characteristics, and Psychiatric Disorders. *Child maltreatment*, 26(1), 74–86. <https://doi.org/10.1177/1077559520932665>
- Perper, K., Peterson, K., Manlove, J. *Diploma Attainment Among Teen Mothers. Child Trends, Fact Sheet Publication #2010-01*: Washington, DC: Child Trends; 2010.
- Pinzon, Jorge L., Jones, Veronnie F., COMMITTEE ON ADOLESCENCE, COMMITTEE ON EARLY CHILDHOOD, Margaret J. Blythe, William P. Adelman, Cora C. Breuner, David A. Levine, Arik V. Marcell, Pamela J. Murray, Rebecca F. O'Brien, Pamela C. High, Elaine Donoghue, Jill J. Fussell, Mary Margaret Gleason, Paula K. Jaudes, David M. Rubin, Elaine E. Schulte; Care of Adolescent Parents and Their Children. *Pediatrics*, December 2012; 130 (6): e1743–e1756. 10.1542/peds.2012-2879



References

- Seshadri, S. & Ramaswamy, S. (2019). Clinical Practice Guidelines for Child Sexual Abuse. *Indian journal of psychiatry*, 61(Suppl 2), 317–332. https://doi.org/10.4103/psychiatry.IndianJPsychiatry_502_18
- Stier, D. M., Leventhal, J.M., Berg, A.T., Johnson, L., Mezger, J. Are children born to young mothers at increased risk of maltreatment? *Pediatrics*. 1993 Mar;91(3):642-8. PMID: 8441574.
- Sully, E. A., Biddlecom, A., Daroch, J., Riley, T., Ashford, L., Lince-Deroche, N., et al. *Adding It Up: Investing in Sexual and Reproductive Health 2019*. New York: Guttmacher Institute; 2020.
- Testa, M., VanZile-Tamsen, C. & Livingston, J. A. (2005). Childhood sexual abuse, relationship satisfaction, and sexual risk taking in a community sample of women. *Journal of consulting and clinical psychology*, 73(6), 1116–1124. <https://doi.org/10.1037/0022-006X.73.6.1116>
- Ward, L.G. Trauma-Informed Perinatal Healthcare for Survivors of Sexual Violence. *J Perinat Neonatal Nurs*. 2020 Jul/Sep;34(3):199-202 doi: 10.1097/JPN.0000000000000501. PMID: 32697536; PMCID: PMC9377212.
- Whitson, M.L., Martinez, A., Ayala, C., Kaufman, J.S. Predictors of Parenting and Infant Outcomes for Impoverished Adolescent Parents. *J Fam Soc Work*. 2011;14(4):284-297. doi: 10.1080/10522158.2011.587173. PMID: 25378892; PMCID: PMC4219258.
- World Health Organization (2023) Adolescent Pregnancy. Fact Sheet. Retrieved from <https://www.who.int/news-room/fact-sheets/detail/adolescent-pregnancy>.

